

Amendments to the Specification:

Please replace the paragraph, beginning at page 66, line 4, with the following rewritten paragraph:

FIG. 26 is a block diagram showing the recording apparatus and the reproducing apparatus in accordance with the ninth embodiment of the present invention. The recording apparatus in accordance with the ninth embodiment of the present invention comprises a first key generating means 80, a contents encrypting means 13, a second key generating means 81, a KxFIFO 85, a key encrypting means ~~70~~15, a relationship information generating means 84 and an MUX 54. Furthermore, the reproducing apparatus in accordance with the ninth embodiment of the present invention comprises a DMUX 57, a key-encrypting key obtaining means 82, a Kx latch means 86, a key decrypting means 71 and a contents decrypting means 14. Furthermore, in FIG. 26, a receiving/demodulating means 21, a DMUX 23, an EMM decrypting means 25, an ECM decrypting means 24, a broadcasting descrambling means 20, a video decoder 11 and an audio decoder 12 are also shown. Moreover, a recording medium 6 used as a recording medium and a display 4 for showing images and outputting sound are also shown.

Please replace the paragraph, beginning at page 69, line 3, with the following rewritten paragraph:

The key encrypting means ~~70~~15 is a means wherein the contents key Kco is input from the first key generating means 80, the key-encrypting key Kx is input from the KxFIFO 85, and the contents key Kco is encrypted by using the key-encrypting key Kx. In the following descriptions, the contents key Kco encrypted by using the key-encrypting key Kx is referred to as Kx (Kco).

Please replace the paragraph, beginning at page 69, line 16, with the following rewritten paragraph:

The MUX 54 is a means wherein the encrypted AV data Kco (D) is input from the contents encrypting means 13, Kx (Kco) is input from the key encrypting means ~~70~~15, the date/time information is input from the relationship information generating means 84, and these are recorded on the recording medium 6.

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Please replace the paragraph, beginning at page 70, line 7, with the following rewritten paragraph:

The Kx latch means 86 is a means wherein the key-encrypting key Kx is input from the key-encrypting key obtaining means 82, latched and output to the key decrypting means ~~71~~16.

Please replace the paragraph, beginning at page 70, line 16, with the following rewritten paragraph:

The contents decrypting means 14 is a means wherein the encrypted AV data Kco (D) is input from the DMUX 57, the contents key Kco is input from the key decrypting means ~~71~~16, and the AV data Kco (D) encrypted by using the contents key Kco is decrypted.

Please replace the paragraph, beginning at page 70, line 25, with the following rewritten paragraph:

The contents encrypting means 13 is used as the contents encrypting means of claim 39 of the present invention, the second key generating means 81 is used as the key-encrypting key generating means thereof, the KxFIFO 85 is used as the storing means thereof, the key encrypting means ~~70~~15 is used as the key encrypting means thereof, the relationship information generating means 84 is used as the relationship information generating means thereof, and the MUX 54 is used as the recording means thereof. Furthermore, in the present embodiment, the first key generating means 80 is used as the contents key generating means of claim 44 of the present invention. Moreover, the key-encrypting key obtaining means 82 is used as the key-encrypting key obtaining means of claim 45 of the present invention, the key decrypting means ~~71~~16 is used as the key decrypting means thereof, and the contents decrypting means 14 is used as the contents decrypting means thereof.

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Please replace the paragraph, beginning at page 74, line 5, with the following rewritten paragraph:

The first key generating means 80 generates the contents key Kco for encrypting the AV data D input from the contents encrypting means 13, and outputs it to the contents encrypting means 13 and the key encrypting means ~~70~~15.

Please replace the paragraph, beginning at page 76, line 1, with the following rewritten paragraph:

Next, the key encrypting means ~~70~~15 receives the contents key Kco from the first key generating means 80, also receives the key-encrypting key Kx4 generated on January 4, the date of recording, from the second key generating means 81 via the KxFIFO 85, and encrypts the contents key Kco by using the key-encrypting key Kx4. In other words, Kx4 (Kco) is generated.

Please replace the paragraph, beginning at page 76, line 8, with the following rewritten paragraph:

And the relationship information generating means 84 receives the encrypted AV data Kco (D) from the contents encrypting means 13 and the Kx4 (Kco) from the key encrypting means ~~70~~15, and generates information indicating a date/time when the key-encrypting key Kx4 is generated as information for establishing the relationship between the key-encrypting key Kx4 and the AV data Kco (D) encrypted by using the contents key Kco encrypted by using the key-encrypting key Kx4. In other words, date/time information, January 4, is generated.

Please replace the paragraph, beginning at page 76, line 18, with the following rewritten paragraph:

Hereafter, the MUX 54 receives the encrypted AV data Kco (D) from the contents encrypting means 13, the Kx4 (Kco) from the key encrypting means ~~70~~15 and the date/time information, i.e., January 4, from the relationship information generating means 84, and then records them as one group.

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Please replace the paragraph, beginning at page 79, line 9, with the following rewritten paragraph:

Then, the Kx latch means 86 receives the key-encrypting key Kx3 and outputs it to the key decrypting means ~~71~~16. Furthermore, the DMUX 57 outputs Kx3 (Kco) to the key decrypting means ~~71~~16.

Please replace the paragraph, beginning at page 79, line 13, with the following rewritten paragraph:

And the key decrypting means ~~71~~16 receives Kx3 (Kco) from the DMUX 57 and the key-encrypting key Kx3 from the Kx latch means 86, decrypts Kx3 (Kco) by using the key-encrypting key Kx3 to restore the contents key Kco, and outputs the contents key Kco to the contents decrypting means 14. Furthermore, the DMUX 57 outputs the encrypted AV data Kco (D) to the key decrypting means ~~71~~16.

Please replace the paragraph, beginning at page 79, line 20, with the following rewritten paragraph:

Next, the contents decrypting means 14 receives the encrypted AV data Kco (D) from the DMUX 57 and the contents key Kco from the key decrypting means ~~71~~16, decrypts the encrypted AV data Kco (D) by using the contents key Kco, and outputs the decrypted AV data to the DMUX 23.

Please replace the paragraph, beginning at page 81, line 6, with the following rewritten paragraph:

In addition, in the above-mentioned ninth embodiment, the KxFIFO 85 discards the stored key-encrypting keys Kx after a lapse of one week. However, it may be possible that the KxFIFO 85 does not discard but keeps storing the stored key-encrypting keys Kx even after one week, that the key-encrypting key obtaining means 82 judges whether the date on which the encrypted AV data Kco (D) is to be reproduced is within one week from the generation of the key-encrypting key Kx, or whether the number of reproductions is within the limitation, and that, if the date is within one week or if the number of reproductions is within the limitation, the key-encrypting key Kx

corresponding to the encrypted AV data Kco (D) to be reproduced can be obtained from the KxFIFO 85. Accordingly, in this case, the contents encrypting means 13 corresponds to the contents encrypting means of claim 46 of the present invention, the second key generating means 81 corresponds to the key-encrypting key generating means thereof, the KxFIFO 85 corresponds to the storing means thereof, the key encrypting means ~~70~~15 corresponds to the key encrypting means thereof, the relationship information generating means 84 corresponds to the relationship information generating means thereof, and the MUX 54 corresponds to the recording means thereof, respectively. Furthermore, the key-encrypting key obtaining means 82 corresponds to the key-encrypting key obtaining means of claim 50 of the present invention, the key decrypting means ~~71~~16 corresponds to the key decrypting means thereof, and the contents decrypting means 14 corresponds to the contents decrypting means thereof, respectively.

Please replace the paragraph, beginning at page 82, line 11, with the following rewritten paragraph:

Furthermore, in the above-mentioned ninth embodiment, the first key generating means 80 generates the contents key Kco for encrypting the AV data D input by the contents encrypting means 13. However, it may be possible that the recording apparatus of the present invention is not provided with the first key generating means 80 as shown in FIG. 29, that the contents encrypting means 13 receives the broadcasting scrambling key Ks sent from a broadcasting station via the broadcasting descrambling means 20, and that the AV data D is encrypted by using the broadcasting scrambling key Ks or a key obtained by processing the broadcasting scrambling key Ks. In this case, the key encrypting means ~~70~~15 receives the broadcasting scrambling key Ks or the key obtained by processing the broadcasting scrambling key Ks from the contents encrypting means 13, and decrypts it by using the key-encrypting key Kx.

Please replace the paragraph, beginning at page 86, line 2, with the following rewritten paragraph:

Furthermore, in the above-mentioned ninth embodiment, the information of the date/time when the key-encrypting key Kx is generated is used as the relationship information of the present invention; however, the relationship information of the present

invention may be a date/time when the contents encrypting means 13 received the AV data D, a date/time when the contents encrypting means 13 encrypted the contents of the AV data D by using the contents key Kco, a date/time when the second key generating means 81 generated the key-encrypting key Kx, a date/time when the KxFIFO 85 stored the key-encrypting key Kx, a date/time when the key encrypting means ~~70~~15 encrypted the contents key Kco by using the key-encrypting key Kx, or a date/time when the MUX 54 recorded the encrypted AV data Kco (D) on the recording medium 6. Alternatively, the information may be information regarding the date/time when the above-mentioned key-encrypting key Kx was generated or the date/time when the contents encrypting means 13 received the AV data D and a date/time when the AV data is to be reproduced. In this case, the key-encrypting key Kx is obtained, based on the fact that the ordinal ranks of the key-encrypting keys Kx in the key-encrypting key Kx list of FIG. 27 are lowered every day, and by considering the difference between the two date/time values. Alternatively, the relationship information of the present invention may be the number information or the like of the key-encrypting key Kx list of FIG. 27 on the basis of the date/time when the above-mentioned key-encrypting key Kx was generated, the date/time when the contents encrypting means 13 received the AV data D and the date/time when the AV data is to be reproduced, and by considering the ordinal ranks of the key-encrypting keys Kx in the key-encrypting key Kx list of FIG. 27 are lowered every day.